Figures

FIG. 1

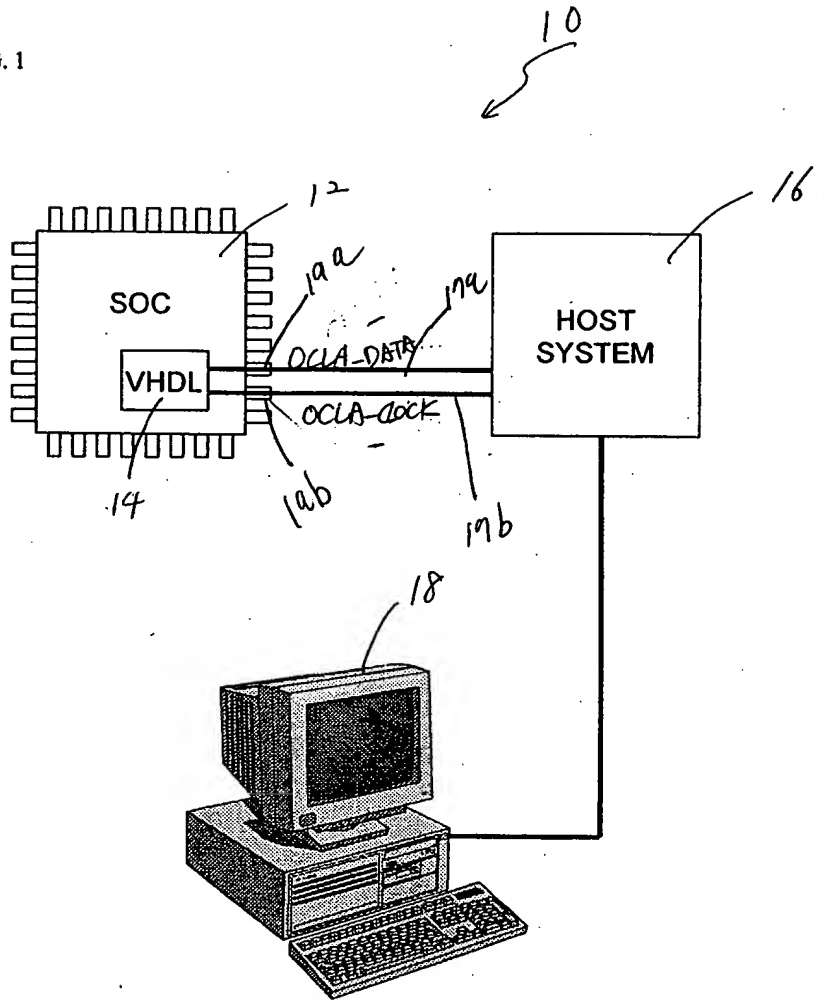


FIG. 2

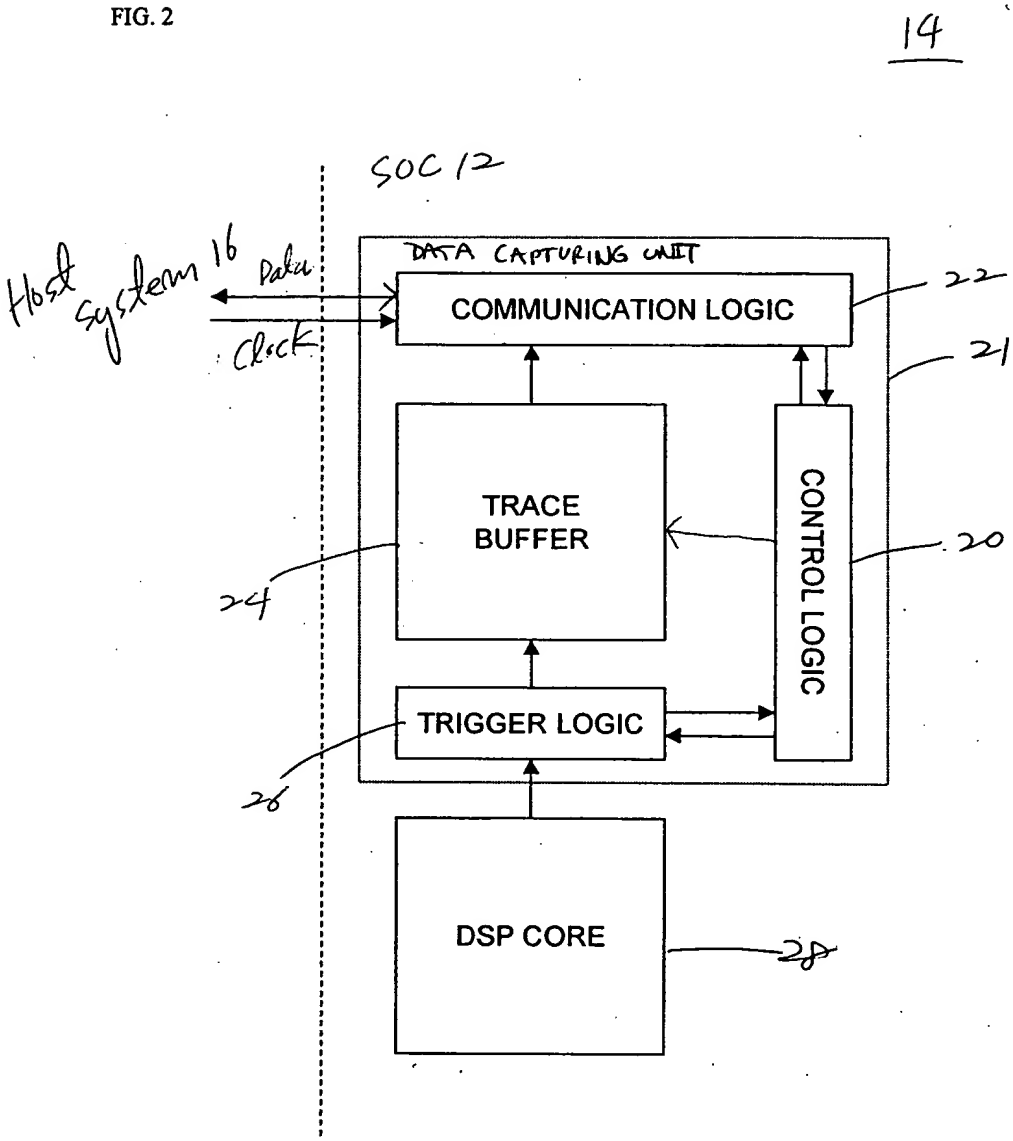
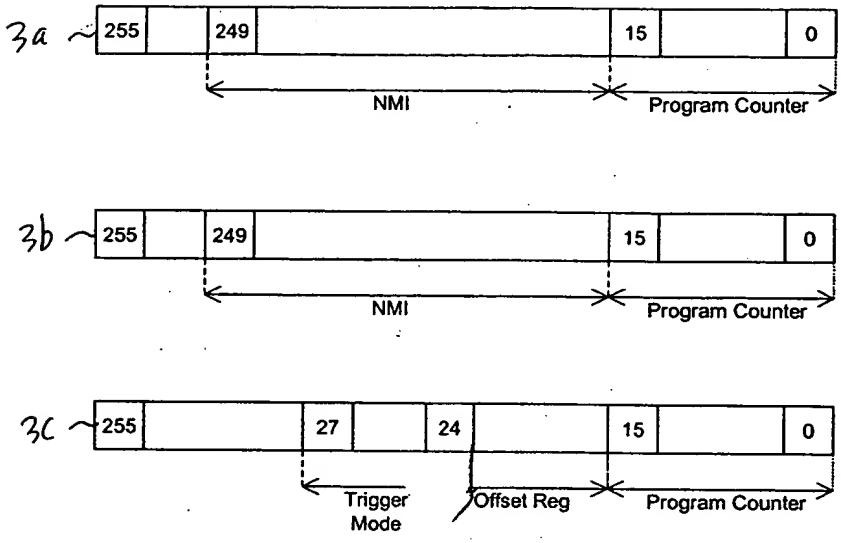


FIG. 3



3d

Trigger Modes	4 Bits
Trigger on A	"0000"h
Trigger on B	"0001"h
Trigger on A or B	"0010"h
Trigger on A Then B	"0011"h
Trigger on B Then A	"0100"h
Trigger on A or B	"0101"h

3e

Extra Data Bus Mux Selection	4 Bits
Data Write Address & Data Write	"0000"h
External Data Bus Mux	"0001"h

FIG. 4A

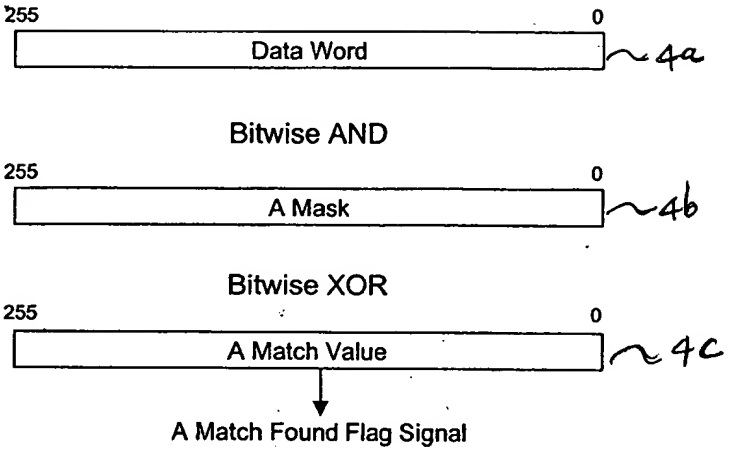


FIG. 4B

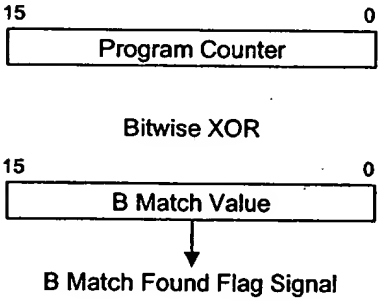


FIG. 5A

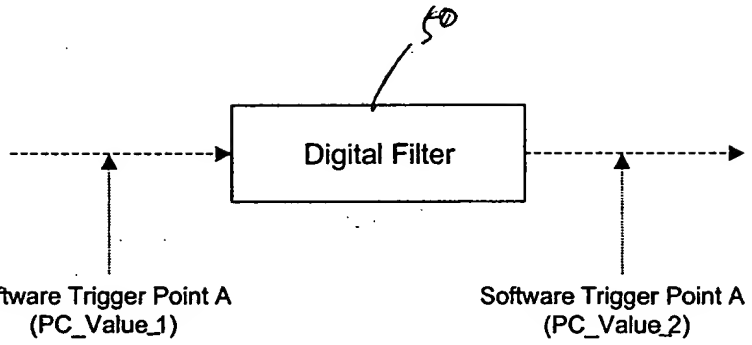


FIG. 5B

PC	Label	Label
1000	PC_Value_1	LOAD input into a DSP Register
1002	1002	LOAD starting point of addressing registers
1004	1004	LOAD repeat loop register with N
1006	1006	CLEAR multiply accumulate register
1008	1008	MULTIPLY-ACCUMULATE N times, update pointers
100A	100A	SHIFT to normalize result
100C	PC_Value_2	STORE result

FIG. 6